INDIANAPOLIS NATIONAL BANK Designated United States Depository.

Corner Room, Odd-fellows' Hall. THEO. P. HAUGHEY, Pres't. E. E. REXFORD, Cash'r.

CONDITION OF THE MARKETS

Wheat Very Active and Excited, and Over Three Cents Higher at the Close.

Corn Neglected, Easier and Lower-Oats Irregular, but Quiet at the Close-Provisions Unsettled at a Decline in Prices.

MONEY, BONDS AND STOCKS.

The Market Strong and Irregular, but Slightly Lower at the Close. NEW YORK, Feb. 16 .- Money on call was

easy at 2 per cent. Prime mercantile paper 426 per cent. Sterling exchange dull but firm at \$4.86 for sixty-day bills, and \$4.88% for demand. The total sales of stocks to-day were 153,907

shares, including the following: Atchison, 6,950; Delaware, Lackawanna & Western, 8,900; Erie, 39,214; Lake Shore, 3,433; Louisville & Nashville, 1.303; Missouri Pacific, 3,500; Northwestern, 450; Northern Pacific preferred, 4,900; Reading, 8,534; Richmond & West Point, 4,220; St. Paul, 13,432; Union Pacific, 7,000; Western Union, 1.850.

The stock market was somewhat irregular to-day, but on the whole displayed a strong tone, with a fair volume of business, although most of the list is slightly lower at the close in consequence of the "bear" raid. There was a very confident feeling this morning, but there was an attempt made to get the Grangers down again by means of manipulation, London houses with European connections being the heaviest sellers, while St. Paul, at which the drive was specially made, was much lower in that market. Inquiry, however, elicited the information that the seiling orders originated from this side, and the impression made upon prices was entirely inthe impression made upon prices was entirely in-significant. The advices from the West were re-assuring. At the Stock Exchange the suspen-sion of a noted "bear" trader was announced, and about 10,000 shares of stock were bought in under the rule for his account. The general list showed great resistance to the efforts to get prices down, and rallied handsomely from the lowest figures when the pressure was removed, while Erie was conspicuous for both activity and strength, and led the upward movement in prices, and the entire list in point of animation. A majority of the active shares are fractionally A majority of the active shares are fractionally lower than last evening, but the only marked change was in Erie, which is up 1 per cent.

The railroad bond market was active. The sales aggregated \$1,543,000, out of which C., B. & Q. fives contributed \$248,000, and the Louisville, New Albany & Chicago consols, \$108,000. The trading in the last-mentioned bonds was the feature of the day, and they were specially strong, rising 2 per cent., to 101. The gains include St. P. ul seven-and-three-tenths, 2 per cent., and Normern Illinois firsts, 2, to 11. The declines were generally small, though Erie incomes lost 2, at 70. The sales of bonds for the week aggregated \$10,629,000, against \$14,821,-

week aggregated \$10,629,000, against \$14,821,-000 for last week. Government bonds were dull and steady to firm. State bonds were neglected. Closing quotations were: Closing quotations were:

Four per ct. bonds. 12834 Kansas & Texas... 1244
Four per ct. coup... 12834 Lake Erie & West. 1842
Four and a 42s reg. 10772
Four and a 42s coup109
Pacific 6s of '95... 120
Louisiana st'p'd 4s 86
Missouri 6s... 10042 Mem. & Charleston 50
Tenn. new set. 6s. 10334 Michigan Central. 9034
Tenn. new set. 5s. 10046 Mil. L. S. & W. 70 Tenn. new set. 5s. 100½ Mil. L. S. & W. . . . 70
Tenn. new set. 3s. 72½ Mil. L. S. & W. pref. 10258
Can. Southern 3ds. 96¼ Minn. & St. L. . . . 6 Cen. Pacific 1st... 113¹4 M. & St. L. pref... 11 Den. & R. G. 1sts... 120³4 Missouri Pacific... 73 Den. & R. G. 4s... 78⁵8 Mobile & Ohio.... 11¹4 Den. & R. G. W.1sts 91¹4 Nashville & Chat... 89¹2 St. Paul consols... 123½ Ore. Improvement 65
St. P. C. & P. 1sts... 118
T. P. L. G. Tr. Rets 89% Ore. & Trans..... 33
T. P. R. G. Tr. Rets 38
Union Pacific 1sts.113½ Peoria, D. & E..... 27%

Erie ... 30¹s Iron Silver ... 350
Erie prefeired ... 69¹4 Ontario ... 34¹4
Fort Wayne ... 150¹2 Quicksilver ... 7
Fort Worth & Den ... Quicksilver pref. 38¹2
Hocking Valley ... 27
Houston & Texas ... 11
Illinois Central ... 109
L. B. & W ... 11¹2

I., B. & W..... 1112 The weekly bank statement shows the follow-Reserve, increase......\$3,142,625

 Loans, decrease
 9,300

 Specie, increase
 3,715,400

 Legal tenders, increase
 209,700

 Deposits, increase
 3,129,900

 Observabilities
 3,129,900

Circulation, decrease..... 24,300 The banks now hold \$17,295,600 in excess of the 25 per cent. rule.

Business of the Clearing-Houses.

Boston, Mass., Feb. 17.-The following table, compiled from dispatches to the Post from managers of the leading clearing-houses of the United States, shows the gross exchanges for the week ending Saturday, Feb. 9, 1889, with rate per cent. of increase or decrease, as compared with the amounts for the corresponding week in 1888:

New York \$718,099,237 Increase .. 36.1 Boston 93,722,488 Increase .. 13.4 Boston.... Philadelphia... 64,158,311 Increase .. 13.6 Chicago 62,424,000 Increase ... 20.2 St. Louis..... 19,199,014 Increase .. 17.2 Baltimore..... Increase .. 21.1 San Francisco... 16,206,656 Decrease.. 5.0 Cincinnati..... 10,725,359 Increase .. 11.2 New Orleans 12,094,290 Increase .. 28.6 Pittsburg..... 12,289,229 Increase .. 19.5 Kansas City..... 9,124,353 Increase ...31.5 Louisville..... 7,561,242 Increase...28.2 Providence..... 5,302,800 nerease.. 5.8 Milwaukee 5,238,000 ncrease ... 32.6 St. Paul..... 3,557,230 ncrease .. 0.3 Omaha.... Increase .. 22.0 Increase .. 15.9 3,638,338 Minneapolis 3,462,971 3,480,930 Denver..... Increase .. 51.3 Galveston..... 1,378,749 Increase ... 75. 4,334,334 Detroit.... Increase...11. Cleveland..... nerease...13. Indianapolis... Memphis.... Columbus..... 1.699,253 ecrease.. 7. 2,787,547 ncrease .. 3. 2,166,530 increase .. O.: Hartford 1,704,368 Decrease.. O. New Haven.... 1,157,557 2,350,940 ncrease . ncrease .. 42. Peoria..... Increase .. 14.2 Norfolk..... ncrease .. 9. ecrease .. 3. Los Angeles..... Portland 818,500 Decrease..46.1 Increase ... 19.4

oux City..... 421,133 360,820 Total.....\$1,097,139,727 Increase .. 28.3 Outside New York, 379,040,490 Increase .. 15.6 *Not included in totals-no clearing-house last

1,754,970

1,418,535

1.970,056

941,444

756,950

646,406

329,629

Increase .. 64.

nerease .. 7.

ncrease ... 93.

ncrease .. 2.

increase .. 4.

Increase .. 5.7

Increase .. 60.0

563,172 Increase .. 0.8

opringfield

Worcester

Lowell

Syracuse

Grand Rapids ...

Topeka

. Joseph.....

.......

TRADING AT CHICAGO.

The Ups and Downs of the Market, with the

Range in Prices of Leading Articles. CHICAGO, Feb. 16.-Trading in wheat was very active and the market greatly unsettled, and at times very excited. The opening for May delivery was 422 20 higher than yesterday's closing, advanced 112c, and very suddenly advancing 3c more, as suddenly dropped 13c. again advanced 7sc, weakened off and closed about 33schigher than yesterday. July advanced 19c, and closed 1c higher than yesterday. Interest centered principally in the May future, and it was difficult to give any reason for the advance other than that "shorts" once fairly started

corn. The feeling was easier, and slightly lower prices were established, though the range did not vary much from yesterday. Oats were fairly active, opening 1820 4c higher, then weakened and receded 12c, rallied 1820 4c and closed quiet. Hog products were unsettled. Early the market was moderately active and rather firm, but this was followed by weakness, with a decline in prices. The leading futures ranged as follows:

Openi g	Highest	Lowest	Closing
\$1.05	\$1.03	\$1.05	\$1.07
	1.1274	1.0778	1.11
9479	9614	9459	95%
		3418	3419
	3478	3438	3419
1027.340		3512	3579
	2538	2538	253
2818	2818	2758	2778
	11.1710	11.15	11.15
		11.1210	11.1710
			11.2719
			6.55
	6,65	6.55	6.55
			6.65
			5.8219
	5.85	5.8210	
		5,9712	
	\$1.05 1.0778 9479 3434 3635 2818 11.1719 11.35 11.40 6.65 6.75	\$1.05 1.0778 9479 9479 3434 3434 3434 3438 3478 36 2538 2818 11.1719 11.1719 11.1719 11.1719 11.40 11.40 11.45 6.65 6.75 6.75 6.75 6.75 6.10	\$1.05 1.0778 9478 9478 9478 9614 3434 3434 3438 3438 3478 3438 3478 3438 3478 3438 3478 3438 2538 2818 11.1719 11.1719 11.1719 11.1719 11.15 11.40 11.40 11.45 11.219 6.65 6.75 6.75 6.75 6.75 6.65 6.75 6.65 6.75 6.65 6.75 6.65 6.75 6.65 6.75 6.65 6.65 6.65 6.65 6.65 6.65 6.65 6.65 6.65

Cash quotations were as follows: Flour firm and higher; white wheat patents, \$5\alpha 5.50; spring wheat patents, \$4\alpha 4.35; bakers', \$3.75\alpha 4.25; No. 2 spring wheat, \$1.07; No. 3 spring wheat, 93\alpha 95c; No. 2 red, \$1.07; No. 2 corn, 34\sc; No. 2 oats, 25\sqc; No. 2 rye, 45\sqc; No. 2 barley nominal; No. 1 flaxseed, \$1.59; prime timothy-seed, \$1.47\alpha 1.48; mess pork per brl, \$11; lard, per 15, 6.57\sqc \alpha 6.60c; short-rib sides (loose), 5.80\alpha 5.90c; whisky, distillers' finished goods, per gal, \$1.03.

goods, per gal, \$1.03.
On the Produce Exchange, to-day, the butter market was steady and unchanged. Eggs steady Receipts—Flour, 7,000 brls; wheat, 18,000 bu; corn, 16,000 bu; oats, 123,000 bu; rye, 5,000 bu; barley, 49,000 bu. Shipments—Flour, 6,000 brls; wheat, 10,000 bu; corn, 167,000 bu; oats, 83,000 bu; rye, 3,000 bu; barley, 17,000 bu.

AT NEW YORK.

Ruling Prices in Produce at the Seaboard's Commercial Metropolis. NEW YORK, Feb. 16.-Flour-Receipts, 11,904

packages; exports, 7,143 brls, 3,697 sacks; market strong and fairly active; sales, 17,900 brls. Wheat-Receipts, 1,100 bu; exports, 15,778 bu; sales, 1,584,000 bu futures, 10,000 bu spot. Spot market dull but higher; No. 2 red, 9742 \$1 elevator, \$121.01 afloat, \$121.02 f. o. b.; No. 3 red, 9229212c; No. 1 red, \$1.0712; No. 1 white, \$121.01. Options moderately active, higher and strong; opened \$240 up, advanced 14215, and closed 1422c over yesterday; better Western markets and fair business by foreign houses. No. 2 red, February, closing at 99c; March, closing at \$1.015; May, \$1.007821.0212, closing at \$1.025; June, \$1.01321.0274, closing at \$1.025; June, \$1.013201.0274, closing at \$1.0275; \$1.021; June. \$1.013 @1.027s, closing at \$1.027s; July, 975 299c, closing at 99c; August, 94122 954c, closing at 954c; December, 97122984c,

closing at 984c. Barley dull; ungraded Canada, 75@83c. Barley malt quiet; Canada, 90c@\$1.10 for old and Corn — Receipts, 48,600 bu; exports, 82,459 bu; sales, 872,000 bu futures, 81,000 bu spot. bu; sales, 872,000 bu futures, 81,000 bu spot. Market steady and quiet; light export demand; No. 2, 43½c in elevator, 44¾ 45c afloat; No. 2 white, 46½c; No. 3, 40½ 41½c; ungraded mixed, 40 45c; steamer mixed, 41½ 42½c. Options dull and lower, but steady; February, 43¾c; March, 43½ 44½c, closing at 43¾c; April, 43¾c; March, 43¾c; elosing at 43¾c; May, 43¾c; May, 43¾c; olosing at 43¾c; June, 43½c, closing at 44c; steamer mixed, March, 43¾c.

Oata—Receipts, 3,800 bu; exports, 490 bu; ing at 44c; steamer mixed, March, 434c.

Oats—Receipts, 3,800 bu; exports, 490 bu; sales, 69,000 bu spot. Spot market firm but dull. Options dull and lower: February, 304c; March, 3142314c, closing at 314c; May, 324e 2324c, closing at 324c; spot No. 2 white, 3342334c; mixed Western, 284233c; white Western, 342394c; No. 2 Chicago, 32c.

Hay steady and in fair demand; shipping, 6526.

Hops quiet and firm.

Coffee—Options opened dull and unchanged, and closed firm at 5215 points up; sales, 29,000 bags, including February, 15.80215.85c; March, 15.90215.95c; April and May, 15.80215.90c; June, 15.90216.05c; July 16216.10; August, 16.10216.20c; September, 16.15216.30c; Octo-

16.10@16.20e; September, 16.15@16.30e; October, 16.30e; November, 16.20e; December, 16.20 @16.35e; January, 16.25e. Spot Rio quiet; fair cargoes, 1719c.

Sugar-Raw, firm and quiet. Refined quiet and steady. Molasses-Foreign, dull; 50 test, 2012c; New Orleans, quiet; open kettle, good to fancy, 30243c. Rice firm and quiet; domestic, fancy, 30 \$\pi43c\$. Rice firm and quiet; domestic, 4\pi_2\pi63c\$; Japan, 4\pi_25\pi_4c\$.

Tallow firm; city, 55-16c. Rosin quiet and firm; strained, common to good, \$1.05\pi1.15\$.

Eggs weak and quiet; Western, 13\pi_2\pi14c\$; receipts, 2.178 packages.

Pork quiet and firm; old mess, \$12.25\$; new mess, \$12.50\pi12.75\$; extra prime, \$12\pi12.25\$.

Cut meats dull; pickled bellies, 14\pis, 6\pic; 12\pis, 7\pic. Lard easier, and oulet; Western steam.

Cut meats dull; pickled bellies. 14 hs, 6 4c; 12 hs, 7 4c. Lard easier and quiet; Western steam, 7.07 2c; sales, 500 tierces c. and f., 6.97 2 7.05c; city, 6.65c; February, 7.04c; March, 7.04 7.06c, closing at 7.04c; April, 7.04c; May, 7.04 7.07c, closing at 7.04c; June, 7.06c; July, 7.10 7.11c, closing at 7.07c; August, 7.09c; September, 7.15 7.16c, closing at 7.10c. Butter—Finest, quiet; Western dairy, 13 7.20c; Western creamery, 16 29 2c; Elgin, 30 31 2c. Cheese steady and dull; Western, 10 2 11 2c.

TRADE IN GENERAL.

Quotations at St. Louis, Philadelphia, Baltimore, Cincinnati and Other Points. ST. LOUIS, Feb. 16.-Flour firm and higher in sympathy with the advance in wheat, but trading quiet. Wheat—Cash firm but unsettled at 9714c @\$1. Options higher. The feeling was unsettled early, and inclined to weakness, but the announcement of a cold wave coming, coupled with advances at other points, particularly at Chicago, sharpened the demand, and there was a good rise in prices. The close saw sellers at 13 a Chicago, sharpened the demand, and there was a good rise in prices. The close saw sellers at 1 40 advance for May and 78c for July over yesterday. May, 98 9c \$1.0038, closing at \$1.004 asked; July, 86 80 87 2c, closing at 87 3c asked; August, 85 2c, closing at 85 7c bid. Corn firmer; No. 2 mixed, cash, 28c; March, 27 80 28 8c, closing at 27 8c; May, 30 40 30 7c, closing at 30 40 30 7c; July, 32c, closing at 32c bid; August, 32 4c, closing nominal at 33c. Oats firm and 4c better; No. 2, cash, 23 2c bid; May, 27 80 28c. Rye—No. 2, 46c. Barley—No demand. Hay—Movement light and supply exceeds demand; prairie, \$60 8.25; timothy, \$80 13.50. Bran dull at 550 56c. Flaxseed quotable at \$1.50 for pure test. But-8.25; timothy, \$8\varpi13.50. Bran dull at 55\varpi566. Flaxseed quotable at \$1.50 for pure test. Butter quiet and steady; creamery, 24\varpi26c; dairy, 20\varpi22c. Eggs plentiful and dull at 10c for guaranteed. Corn-meal unchanged at \$1.85\varpi1 1.90. Whisky steady at \$1.03. Provisions steady. Pork, \$12. Lard—Prime steam salable at 6.50c. Dry-salt meats—Shoulders, 5.12\frac{1}{2}\varpi1 5.25c; longs and ribs, 6\varpi66.15c; short clear, 6.20 26.30c. Bacon (boxed)—Shoulders, 6.25 26.37 lec; longs and ribs, 6.90 27c; short clear, 7.10 2 7.124c. Hams, 10012c. Bagging unchanged. Receipts-Flour, 3,000 brls; wheat, 18,000 bu;

corn, 155,000 bu; oats, 51,000 bu; rye, none; barley, 5,000 bu. Shipments-Flour, 14,000 brls; wheat, 6,000 bu; corn, 90,000 bu; oats, 87,000 bu; rye, 6,000 bu; barley, 3,000 bu. PHILADELPHIA, Feb. 16.-Flour was firm. Wheat opened strong and prices of options advanced 1 2c, but the market subsequently reacted 2c from the best rates of the day and closed ed ½c from the best rates of the day and closed unsettled. Speculation was very tame, and there was no inquiry whatever from shippers. Ungraded, in export elevator, \$1.04½; No. 2 red, February, 98@98½c; March, 98½@99c; April, \$1@1.00½; May, \$1.01@1.01½. Corn—Options opened firm, but afterwards reacted and closed ½@½c lower; car lots quiet; No. 4 low mixed, in grain depot, 38½c; No. 3 mixed, in grain depot, 40c; steamer No. 2 yellow, in grain depot, 41c; No. 2 yellow, in elevator, 41½c; No. 2, in export elevator, 40½@40¾c; March, 40¾@41c; April, 41½@42c; May, 42½@43c. Oats—Car lots dull but prices steady; No. 3 white, 31½c; No. 2 white, 34c. steady; No. 3 white, 31 2c; No. 2 white, 34c. Futures dull and unchanged. Receipts—Flour, 1,800 brls; wheat, 3,000 bu; corn, 24,000 bu;

oats, 11,500 bu. Shipments-Wheat, 3,500 bu; corn, 6,000 bu; oats, 7,500 bu. MINNEAPOLIS, Feb. 16.—The market for cash wheat was again thrown into a state of excited demoralization and prices all through the session were jumping back and forth in a very unsettled manner. Sellers started out by asking about yesterday's prices, but when speculative markets started up briskly holders of cash wheat began putting up prices without delay. Buyers were stimulated a little and local millers made hasto to pick up necessary supplies. The trade was limited to absolute necessities, and scarcely an outside order was filled after 10:30. Receipts were 132 cars and 56 cars were shipped out. Closing quotations: No. 1 hard, February, \$1.22; March, \$1.23; May, \$1.26; on track, \$1.12; No. 1 Northern, February, \$1.11; March, \$1.12; May, \$1.13; on track, \$1.11\dagger 21.12; No. 2 Northern, February, \$1.01; March, \$1.02; May, \$1.03\dagger 2; on track \$1.03\dagger 2.05

BALTIMORE, Feb. 16. - Wheat - Western unsettled: No. 2 winter red, spot, 95%c; March, 97c; April, 98%c; May, \$1. Corn—Western firm; mixed, spot, 39% 240c; March, 40% 40% 40% c; April, 41%41%c; May, 42%42%; steamer, spot, 39% 39% c. Oats quiet but very firm: Western white, 32%34%c; Western mixed, 29%31c; graded No. 2 white, 3312@34c. Rye quiet and steady at 57@58c. Hay dull; prime to choice timothy, \$16@16.50. Provisions quiet and steady. Butter steady; Western packed, 16@20c; best roll, 13@18c; creamery, 22@23c. Eggs easy at 13@13c. Receipts—Flour, 5,000 brls; Wheat, 8,000 bu; corn, 146,000 bu; rye, 1,000 bu. Shipments

-Flour, 4,000 brls; corn, 343,000 bu. Sales-Wheat, 173,000 bu; corn, 18,000 bu. CINCINNATI, Feb. 16.—Flour firm. Wheat easier; No. 2 red, 99c@\$1; receipts, 700; shipments, 500 bu. Corn heavy; No. 2 mixed, 32½c. Oats weaker; No. 2 mixed, 27½c. Rye dull; No. 2, 54c. Pork dull at \$11.75. Lard quiet at 6.50c. Bulk meats and bacon dull and barely steady. Whisky firm; sales, 1,024 bris finished goods on a basis of \$1.03. Eggs in moderate

demand at 11c. Cheese firm. TOLEDO, Feb. 16.—Wheat dull and weak; cash, \$1.03\(^1\)g; May, 99\(^7\)gc; July, 91\(^1\)gc. Corn steady; cash, 33\(^1\)gc; May, 36c. Oats quiet; cash, 26c. Clover-seed dull; cash, 5.10c; Marca, 5.15c. Receipts—Wheat, 1,000 bu; corn, 4,000 bu; oats, 1,000 bu; clover-seed, 259 bags. Shipments—Wheat, 3,000 bu; clover-seed, 303 bags.

DETROIT, Feb. 16.—Wheat—No. 1 white, cash, \$1.03; No. 2 red, cash and February, \$1.02; May, \$1.04%; July, 92c. Corn—No. 2, cash, 33½c; May, 35¾c. Oats—No. 2, 27c; No. 2 white, 28¼c. Receipts—Wheat, 2,500 bu; corn, 34,190 bu; oats, 2,600 bu. to cover, there was no stopping the advancing tendency. It was a feeling of wild excitement, and swept the market like a cyclone. Prices varied ½ and 1c before trades could be written down. There were some disquieting rumors in circulation, which may have helped to intensify the unsettled and nervous feeling which existed, but they were subsequently dewick at 91c, 3sc below last night's close, and the prices agged off to 89% during the forenoon,

when it improved slightly and closed steady at 90c. Sales, 1,046,000 brls. Turpentine quiet and steady at 4712c. OIL CITY, Pa., Feb. 16.—National Transit certificates opened at 90%; highest, 91c; lowest, 89%; closed at 89%. Sales, 897,000 brls; clearances, 2,330,000 brls; charters, 39,682 brls; shipments, 101,731 brls; runs, 45,847 brls. PITTSBURG, Pa., Feb. 16.—Petroleum dull; National Transit certificates opened at 91c; closed at 897sc; highest, 91c; lowest, 897sc.

CLEVELAND, Feb. 16.—Petroleum easy; standard white, 110°, 712c. WILMINGTON, N. C., Feb. 16.-Turpentine CHARLESTON, S. C., Feb. 16.-Turpentine

SAVANNAH, Ga., Feb. 16 .- Turpentine quiet

NEW ORLEANS, Feb. 16.—Cotton quiet but steady; middling, 9 9-16e; low middling, 9 1-16e; good ordinary, 8 7-16e; net receipts, 4,784 bales; gross receipts, 5,553 bales; exports to Great Britain. 3,041 bales; exports to the continent, 5,331 bales; exports coastwise, 2,100 bales; sales, 6,200 bales; stock, 350,564 bales. LIVERPOOL, Feb. 16.—Cotton quiet and un-changed. Sales, 6,000 bales, of which 500 bales were for speculation and export, and 5,300 bales American.

NEW YORK, Feb. 16.—Copper easier and quiet; lake, February, 16.50c. Lead quiet and firm; domestic, 3.65c. Tin quiet; straits, 21.25c.

Metals.

ST. LOUIS, Feb. 16 .- Lead dull; 3.35c bid and LIVE STOCK.

Cattle Steady and Unchanged-Hogs Fairly Active-Sheep Unchanged.

INDIANAPOLIS, Feb. 16. CATTLE-Receipts, 147; shipments, 181. There was only a light supply; quality only fair; mar-

ket steady at unchanged prices; about all sold Common shippers..... Feeders (1,000 to 1,200 pounds).... Stockers (600 to 850 pounds)..... Good to choice heifers....... 2.65@3.10 1.75@2.40 Good to choice cows..... 2.00@2.35

SHEEP-Receipts, 200; shipments, 200. But few on sale; market very dull, and slow sales at

 Good to choice shippers.
 \$4.25@4.75

 Fair to medium.
 3.50@4.00

 Common.
 2.75@3.25

 Lambs, common to choice.
 4.00@5.50

 Bucks, per head.
 3.00@4.00

 Hogs-Receipts, 3,648; shipments, 380. Quality generally good; market opened steady; trade ruled fairly active at the close. All sold. Light......\$4.60@4.70

Mixed 4.50@4.60 Heavy..... 4.40@4.50 Elsewhere.

KANSAS CITY, Feb. 16.—The Live Stock Indicator reports: Cattle—Receipts, 1,552; shipments, 1,304. Market slow and weak. Good to choice corn-fed, \$3.80@4.15; common to medium, \$2.90@3.70; stockers and feeding steers, \$1.60@3.20; cows, \$1.25@2.70. Hogs-Receipts, 4,652; shipments, —. Light weights steady; mixed and heavy firm to 5e higher. Good to choice light, \$4.35@4.40; mixed and heavy, \$4.15@4.30.

Sheep—Receipts, 1,214; shipments, 407. Market steady. Good to choice muttons, \$4.25\,\tilde{2}4.50; common to medium, \$2.50\,\tilde{a}3.90. CHICAGO, Feb. 16.-The Drovers' Journal reports: Cattle—Receipts, 2,000; shipments,—.
The market was steady; beeves, \$4.10\(\pi\).65; steers, \$3\(\pi\)4; stockers and feeders, \$2.10\(\pi\)3.25; cows bulls and mixed, \$1.50\(\pi\)3.10; Texas cornfed steers, \$3.30.

Hogs — Receipts, 15,000; shipments, 7,000. The market was weak; mixed, \$4.35\alpha 4.60; heavy, \$4.30\alpha 4.55; light, \$4.40\alpha 4.65; pigs, \$4\alpha 4.75
Sheep—Receipts, 2,000; shipments, 500. The market was steady; natives, \$3,50\alpha 4.25; Western corn-fed, \$4.10\alpha 4.65; lambs, \$4.75\alpha 6. ST. LOUIS, Feb. 16.—Cattle - Receipts, 200; shipments, 1,800. Market steady; choice heavy native steers, \$3.75\(\varphi\)4.30; fair to good native steers, \$2.70\(\varphi\)3.80; stockers and feeders, fair to good, \$1.90\(\varphi\)2.90; rangers, corn-fed, \$2.80\(\varphi\)
3.40; grass-fed, \$1.90\(\varphi\)2.75. Hogs-Receipts, 1,400; shipments, 4,300. Market easy; choice heavy and butchers' selections, \$4.30@4.50; packing, medium to prime, \$4.30@4.50; light grades, ordinary to best, \$4.40

Sheep — Receipts, none. shipments, 1,500; Market firm; fair to choice, \$3 \$4.70. EAST LIBERTY, Feb. 16.—Cattle—Receipts, 1,040; shipments, 980. Nothing doing. All through consignments. Twenty-nine car-loads of

cattle shipped to New York to-day.

Hogs—Receipts, 2,500; shipments, 2,100. Market fair; medium Philadelphias, \$4.75 & 4.80; heavy hogs, \$4.60 & 4.70; pigs and Yorkers, \$4.80 & 4.85. Seven car-loads of hogs shipped to New Sheep - Receipts, 1,800; shipments, 1,200. Market steady at yesterday's prices BUFFALO, Feb. 16.—Cattle—Receipts, 2,800 through; 100 on sale. Market weak; sales of export bulls at \$3@3.25; prime steers, \$3.75@

Sheep and Lambs - Receipts, 400 through; 2,000 on sale. Market active and unchanged. Hogs-Receipts, 4,500 through; 3,750 on sale. Market active; mediums a shade lower at \$4.70; Yorkers, \$5.

CINCINNATI, Feb. 16.—Cattle—Receipts, 44; shipments, 100. Market quiet and steady.
Sheep—Receipts, none; shipments, 390; lambs in good demand and firm at \$426.25. Hogs—Receipts, 1,720; shipments, 1,770. Market barely steady; common and light, \$3.75@4.60; packing and butchers', \$4.40@4.60.

INDIANAPOLIS MARKETS.

The Trade of the Week Fairly Satisfactory with a Steady Range in Prices.

Indianapolis, Feb. 16. In most departments the volume of trade in the week ending to-day has been fully up to expectations, with fewer fluctuations in values, although some descriptions of hog products are lower than a week ago. Eggs are lower, while both butter and poultry, on good demand, moved up a notch. Indications are that prices will range much the same in the coming week. However, should the weather continue warmer, lower prices for eggs may be expected. Choice apples are firmer than ten days ago, while common are abundant at the range of prices for weeks past. Irish potatoes are in only moderate supply, and prices rule strong. Sweet potatoes are in light request, and weak at quotations. Oranges are in ample supply and prices easy. In lemons nothing is doing. Dried fruits are a drug on the market, while canned fruits are meeting with better sale. Coffees went through the week with-out a change, something which is rather unusual. Sugars, as well, carry a steady tone. The flour market seems to have lost the better feeling of ten days ago. The demand is limited and prices weak. Mills are running at only one-half their weak. Mills are running at only one-half their capacity, and in the country towns many are idle, while others are running during the day only. A cloud still broods over the hide market, and grease and tallow rule weak. The dry goods market is seemingly moving along at high tide, with strong prices prevailing in all lines. The wool market is quiet, which is usually the case in February. Dealers in leather report trade excellent. The iron market is quite active, with firm prices ruling. Other markets are feature-less.

There is little to say that is favorable regarding the grain market. Aside from wheat the market rules dull, sellers being much more numerous than buyers. The quotations below show the range of prices for to-day:

Wheat—No. 2 red, \$1; No. 3 red, 90295c; rejected, 75280c, and 85290c for choice samples.

Corn—No. 3 white, 31½c; No. 2 yellow, 30c; No. 3, 29½c; No. 4, 29c; No. 2 mixed 30c; No. 3 mixed 29½c; No. 4 mixed, 29c; ear, 28½229¼c.

Oats—No. 2 white, 29c; No. 3 white, 27¼c; No. 2 mixed, 251ge; rejected, 22@24c.

Bran-\$11. Hay-No. 1 timothy, \$12.25@12.50; No. 2 timothy, \$10@10.50 asked; No. 1 prairie, \$7.25@

The Jobbing Trade.

CANNED GOODS. Peaches—Standard 3-pound, \$1.80\alpha 2.00; 3-pound seconds, \$1.40\alpha 1.60. Miscellaneous—Blackberries, 2-pound, 80\alpha 90c; raspberries, 2-pound, \$1.15\alpha 1.30; pineapple, standard, 2-pound, \$1.40\alpha 2.50; seconds, 2-pound, \$1.10\alpha 1.20; cove oysters, 1-pound, full weight, 95c\alpha \$1; light, 65\alpha 70c; 2-pound, full, \$1.70\alpha 1.80; light, 90c\alpha \$1; string beans, 85\alpha 95c; Lima beans, \$1.20\alpha 1.30; peas, marrowfat, \$1.20\alpha 1.40; small, \$1.50\alpha 1.75; lobsters, \$1.85\alpha 2; red cherries, 95c\alpha \$1.10; strawberries, \$1.20\alpha 1.30; salmon, (ibs), \$1.90\alpha 2.50. \$1.90 22.50.

COAL AND COKE. Anthracite, \$6.75 and \$7.25 \$\psi\$ ton; Jackson lump, \$4.00 \$\psi\$ ton; nut, \$3.50; Brazil block, \$3.50 \$\psi\$ ton; nut, \$3.00; Pittsburg, \$4.00 \$\psi\$ ton; nut, \$3.75; Raymond and Winifrede, \$4.00 \$\psi\$ ton; nut, \$3.75; Duggar lump, \$3.25 \$\psi\$ ton; nut, \$2.75; Island City lump, \$3.25 \$\psi\$ ton; nut, \$3.00; Highland lump, \$3.00 \$\psi\$ ton; nut, \$2.50; Piedmont and Blossburg, \$5.00 \$\psi\$ ton; Indiana cannel, \$5.00 \$\psi\$ ton; gas-house coke, \$9 \$\psi\$ bu, or \$2.25 P load; crushed coke, 10c P bu, or \$2.50 P load. DRY GOODS.

BLEACHED SBRETINGS—Blackstone AA, 7%c;
Ballou & Son, 7½c; Chestnut Hill, 6c; Cabot 4-4,
7½c; Chapman X, 6½c; Dwight Star S, 8%c;
Fruit of the Loom, 8%c; Lonsdale, 8½c; Linwood,
8c; Masonville, 8%c; New York Mills, 10½c; Our
Own, 5%c; Pepperell, 9-4, 23c; Pepperell, 10-4,
25c; Hills, 8¼c; Hope, 7½c; Knight's Cambric,
8c; Lonsdale Cambric, 10c; Whitinsville, 33inch, 6½c; Wamsutta, 10½c.

BROWN SHEETINGS—Atlantic A, 7½c; Boott C,
6c; Agawam E, 5½c; Bedford R, 5c; Augusta
5½c; Boott AL, 7c; Continental C, 6%c; Dwight
Star, 8c; Echo Lake, 6½c; Graniteville EE, 6½c;

Lawrence LL, 534c; Pepperell E, 712c; Pepperell R, 7c; Pepperell 9-4, 21c; Pepperell 10-4, 23c; Utica 9-4, 2212c; Utica 10-4, 25c; Utica C, 412c.

Ginghams—Amoskeag, 714c; Bates, 714c; Gloucester, 712c; Glasgow, 612c; Lancaster, 714c; Ranelman's, 712c; Renfrew Madras, 812c; Cumberland, 612c; White, 7c; Bookfold, 912c.

Grain Bags—American, \$16.50; Atlanta, \$18; Franklinville, \$17.50; Lewiston, \$18; Ontario, \$16.50; Stark A, \$21.

Paper Cambrics—Manville, 6c; S. S. & Son, 6c; Masonville, 6c; Garner, 6c.

PAPER CAMBRICS—Manville, 6c; S. S. & Son, 6c;

Masonville, 6c; Garner, 6c.

PRINTS—American fancy, 6½c; Allen's fancy,
6½c; Allen's dark, 6c; Allen's pink, 6½c; Arnold's,
7c; Berlin solid colors, 6c; Cocheco, 6½c; Conestoga, 6c; Dunnell's 6c; Eddystone, 6½c; Hartel,
6c; Harmony, 5½c; Hamilton, 6½c; Greenwich,
5½c; Knickerbocker, 5½c; Mallory pink, 7c.

Tickings—Amoskeag ACA, 13c; Conestoga B
F, 15c; Conestoga extra, 13½c; Conestoga Gold
Medal, 14c; Conestoga CCA, 12c; Conestoga GA,
10c; Conestoga X, 9c; Pearl River, 12c; Falls
OBO, 32-inch, 13½c; Methuen AA, 12½c; Oakland A, 7½c; Swift River, 7½c; York, 32-inch,
13½c; York, 30-inch, 11½c.

Alcohol, \$2.22\alpha 2.30; asafætida, 15\alpha 20c; alum, 4\alpha 5c; camphor, 30\alpha 32c; cochineal, 50\alpha 55c; chloroform, 50\alpha 55c; copperas, brls, \$3\alpha 3.50; cream tartar, pure, 40\alpha 42c, indigo, 80\alpha 81c; licorice, Calab., genuine, 30\alpha 45c; magnesia, carb., 2-oz, 25\alpha 35c; morphine, P. & W., \alpha oz, \$2.80; madder, 12\alpha 14c; oil, castor, \alpha gal, \$1.10\alpha 1.15; oil, bergamont, \alpha b, \$3\alpha 3.25; opium, \$3\alpha 3.15; quinine, P. & W., \alpha oz, 50\alpha 55c; balsam copaiba, 60\alpha 65c; soap, Castile, Fr., 12\alpha 16c; soda, bicarb., 4\alpha 26c; salts, Epsom, 4\alpha 5c; sulphur, four, 4\alpha 6c; saltpetre, 8\alpha 20c; turpentine, 50\alpha 54c; glycerine, 25\alpha 30c; idodide potass., \$3\alpha 3.20; bromide potass., 40\alpha 42c; chlorate potash, 25c; borax, 10\alpha 12c; cinchonidia, 12\alpha 15c; carbolic acid, 45\alpha 50c. OILS—Linseed oil, raw, 57c & gal; boiled, 60c; coal oil, legal test, 9@14; bank, 40c; best straits, 50c; Labrador, 60c; West Virginia, lubricating, 20@30c; miners', 65c. Lard Oils No. 1, 50@55c;

do, extra, 65@70c. WHITE LEAD-Pure, 64c; lower grades, 5426c. FRUITS AND VEGETABLES. APPLES—Per brl. \$1.25@1.75; choice, \$2.25@ 2.75; fancy, \$3.50@3.75; selling in bulk on track, 40@50e ₽ bu. CRANBERRIES-Per brl, fancy, \$7.00@8.00; common, \$5.00@6.00; bushel boxes, choice, \$2.50

GRAPES—Malagas, \$5 for heavy weight, \$4 for light weight; fancy, \$7.
ONIONS—\$1.25@1.40 \$\psi\$ brl; Spanish. \$1.00 \$\psi\$ POTATOES-Per brl, \$1.25@1.50; from car, 45@ 50c ber bu. SWEET POTATOES—Jerseys, \$3.75 24.00 \$\pi\$ brl; Kentucky, \$1.75 22 per brl.

FOREIGN FRUITS. Raisins, California London layer, new, \$2.50 22.75 \$\psi\$ box; California, loose, muscatelle, 3-crown, \$1.80\times 2 \$\psi\$ box; Valencia, new, 7\frac{1}{2}\times 80 \$\psi\$ ib; citron, 24\times 26c \$\psi\$ is; currants, 6\times 7c \$\psi\$ is, Bananas—Jamaca, \$1.50\times 2; Aspinwall, \$1.50\times 2.50. Oranges—Florida russets, \$2.25\alpha2.50; brights, \$2.75\alpha3 \approx box; Messina, \$2.50\alpha3. Lemons—Choice, \$3.50; extra fancy, \$4. Figs, 14\alpha16c. Prunes—Turkish, old, 4\alpha4\alpha2c; new,

GROCERIES. COFFEES—Ordinary grades, 17@17½c; fair, 17¾ @18c; good, 18½ @19½c; prime, 20½ @21½c; strictly prime to choice, 21½ @22½c; fancy green and yellow, 22½ @23½c; old government Java, 31½ @32½c; ordinary Java, 27½ @28½c; imitation Java, 25½ @26½c; roasted coffees 1-lb packages, 22%c.
FLOUR SACKS—No. 1 drab 4 brl, \$33 \$\mathbb{P}\$ 1,000;
\$\frac{1}{2}\$ brl, \$17; lighter weight, \$1 \$\mathbb{P}\$ 1,000 less.
DRIED BEEF—11 \$\varphi\$13c.

LEAD-612@7c for pressed bars.

MOLASSES AND SYRUPS—New Orleans molasses,
fair to prime, 30@35c; choice, 40@50c. Syrups, 25 7 40c.

RICE—Louisiana, 527c. SHOT—\$1.2021.25 \$\rightarrow\$ bag for drop. SPICES—Pepper, 19220c; allspice, 12215c; cloves, 26230c; cassia, 10212c; nutmeg, 702 Starch—Refined pearl, \$\pi 3^14c \pi \pi; Champion gloss, 1-\ps and 3-\ps packages, \$\pi 5^12c \pi \ps; Champion gloss lump, \$3^12\pi 4c.

Sugars—Hards, \$7^2\pi 20 \pe; confectioners' A, \$7^2\pi 20 \pi 16; coff A, \$6^7\pi 20^7\pi c; coffee A, \$6^3\pi 6^7\pi c; white extra C, \$6^3\pi 6^3\pi c; extra C, \$6^3\pi 6^3\pi c; fair yellows, \$6^1\pi 26^4\pi; common yellows, \$5^7\pi 26c.

Salt—In car lots, \$1.00; smalllots, \$1.10\pi 1.15.

Twine—Hemp, \$12\pi 18c \pi \pi; wool, \$2\pi 10c; flax, \$20\pi 30c; paper, \$18c; jute, \$12\pi 15c; cotton, \$16\pi 25c.

WOODENWARE—No. 1 tubs, \$7.75 & 8.00; No. 2 tubs, \$6.75 & 7.00; No. 3 tubs, \$5.75 & 6.00; 3-hoop pails, \$1.60 & 1.65; 2-hoop pails, \$1.40 & 1.45; double washboards, \$2.00 & 2.75; common washboards, \$1.40 & 1.85; clothes-pins, 50 & 85c & box. Wooden Dishes—Per 100, 15, 20c; 2 5s, 25c; ts, 30c; 5tbs, 40c.

WRAPPING-PAPER—Light-weight straw, 2¾ 23c ₱ 15; light-weight rag, 2¾ 23c ₱ 15; heavy-weight straw, 1¾ 22c ₱ 15; heavy-weight rag, 2¼ 23c ₱ 15; Manila, No. 1, 829c; No. 2, 5½ 26½c; print paper, No. 1, 627c; book paper, No. 3, S. & C., 10211c; No. 2, S. & C., 829c; No. 1, S. & C., 7¼

IRON AND STEEL. Bar iron (rates), 2@2.25c; horse-shoe bar, 3.25c;
Norway rail rod, Sc; German steel plow-slabs, 4c;
Agerican drill steel, 10@12c; Sanderson tool
steel, 16c; tire steel, 4c; spring steel, 6c; horseshoes \$\Phi\$ keg, \$\Pmathbb{4}.25@4.50; mule's shoes \$\Phi\$ keg,
\$\Phi25@5.50\$; horse nails \$\Phi\$ box, 8d, \$\Phi5\$; steel
nails, 10d and larger, \$\Pmathbb{2}.25@2.35 \$\Phi\$ keg; other
sizes at the usual advance; wire nails, \$\Pmathbb{2}.90\$.

Tinners Supplies—Best brand charcoal tin,
IC, 10x14, 14x20, 12x12, \$\Pmathbb{6}.75\$; IX, 10x14,
14x20 and 12x12, \$\Pmathbb{8}.50\$; IC. 14x20, roofing tin,
\$\Pmathbb{5}.25\$: IC, 20x28, \$\Pmathbb{1}0.50\$; block tin, in pigs, 27c;
in bars, 29c. Iron—27 B iron, 3\(\frac{1}{2}\epsilon\$; 27 C iron,
5c; galvanized, 50 and 10 per cent. discount.
Sheet zine, 7c. Copper bottoms, 30c. Planished Sheet zinc, 7c. Copper bottoms, 30c. Planished copper, 36c; solder, 16@18c.

LEATHER, HIDES AND TALLOW. LEATHER—Oak sole, 33 \$\overline{a}\$37c; hemlock sole, 26 \$\overline{a}\$32c; harness, 30 \$\overline{a}\$35c; skirting, 37 \$\overline{a}\$38c; black bridle, \$\overline{a}\$ doz., \$60 \$\overline{a}\$65; fair bridle, \$60 \$\overline{a}\$78 \$\overline{a}\$ doz.; city kip, \$60 \$\overline{a}\$80; French kip, \$85 \$\overline{a}\$120; city calf-skins, 85c \$\overline{a}\$\$1.10; French calf-skins,

81.15@1.80. Hides—No. 1 green, 4½c; No. 2 green, 3c; No. 2 green salt, 5½c; No. 2 green salt, 4c; calf same as hides; No. 1 green salt kip, 5c; No. 2 green salt SHEEPSKINS-Pelts, each 25c &\$1.25.

TALLOW-No. 1, 5e; No. 2, 412c. GREASE-Brown, 212c; yellow, 234c; white, 412c. Oil Cake-\$23 P ton; oil meal, \$23.

PROVISIONS. JOBBING PRICES-Smoked meats-Sugar-cured hams, 10 to 12 hs average, 12½c; 15 hs average, 12c; 17½ hs average, 11½c; 20 hs average, 11; 22 hs average, 10¾c. English-cured breakfast bacon, light or medium, 1112c; shoullers, 10 to 12 hs average, 914c; California hams, light or medium. 912c; cottage hams, light or medium 10c; dried beef hams, knuckle pieces, medium 10c; dried beef hams, knuckle pieces, 10½c; dried beef hams, thin pieces, 8½c. Bacon—Clear sides, 30 fbs average, 9c; clear backs, medium average, 8¾c; clear bellies, medium weight, 9c. Dry Salt and Pickled Meats—Clear sides (unsmoked), 8½c; clear backs (unsmoked), 8½c; clear bellies (unsmoked), 8½c; clear pork. P brl 200 fbs, \$17.00; ham or rump pork, P brl 200 fbs, \$14.00. Bologna—Skin, large or small, 7c; cloth, large or small, 6½c. Lard—Pure winter leaf, kettle rendered, in tierces, 8¾c; in one-half barrels, 9½c; in 50-fb cans in 100-fb cases, 87sc; in 20-fb cans in 80-fb cases, 9c. Prime Leaf half barrels, 9 c; in 50-15 cans in 100-15 cases, 8 c; in 20-15 cans in 80-15 cases, 9c. Prime Leaf Lard—In tierces, 8 c. Hoosier Packing Co. Lard—Intierces 7 c; in 50-15 cans in 100-15 cases, 7 c. Fresh Meats—Pork backs, suitable for chops, fat off, 9 c; ground sausage, in 20-15 pails, 8c; ground sausage, in links, 9c; sausage meat, 7c; shoulder bones, 3c; tenderloin, 13c; spare-

Car-Load Lots—Prime steam lard, 7c; S. P. hams, 94 \$\pi 10c, as to average; S. P. shouldesr, 7c; short-rib sides, 612 \$\pi 658c.

BEANS—Choice hand-picked navy, \$2.10@2.25 bu; medium hand-picked, \$2.10@2.25. BEESWAX-Dark, 18c; yellow, 20c. BUTTER-Creamery, 16@18c; choice, 20@22c; fancy creamery, 28@30c; country, 10@14c; com-

EGGs-Shippers paying 11c; selling from store FEATHERS-Prime geese, 35c P fb; mixed duck GAME—Ducks, mallard, \$2.75 \$\psi\$ doz; squirrels, 50\pi75c \$\pi\$ doz; venison, 18c \$\pi\$ is; whole deer, 10c \$\pi\$ is; rabbits, 50\pi75c. POULTRY-Hens, 8@81ge; chickens, 8@81ge; hen

turkeys, 10c; toms, 9c; roosters, 312c; geese, full-teathered, P doz, \$6; plucked, \$3.60@4.20; ducks, Wool-Tub-washed and picked, 33@35c; un-washed, medium and common grades, if in good order, 22c; unwashed fine, 17@28c; fleece-washed, if light and in good order, 28@30c; burry and unmerchantable, according to their

SEEDS. Clover—Red, choice, 60 B bu, \$5.15\abla5.25; prime, \$4.75\alpha5.00; English, choice, \$5.30\alpha5.50; white, choice, \$7.40\alpha7.75; alsike, \$7.60\alpha8.00; alfalfa, choice, \$7.60\alpha8.00. Timothy—Choice, 45\bu, \$1.90\alpha2.25. Blue-grass, fancy, 14 B bu, \$0c\alpha\$1.00. Orchard grass—Extra clean, 14 B bu, \$1.25\alpha1.50. Red top—Choice, 14 B bu, \$5c\alpha\$1.00. Bird seed—Choice Sicily canary, 5\alpha8c\alpha\$ B. Hemp—Choice, 4\alpha5c\alpha\$ B. Millet—Choice imported, 5\alpha8c\alpha\$ B. Rape—Choice German, 6\alpha8c\alpha\$ B; choice mixed, 5\alpha8c\alpha\$ B. Peas—Landreth's extra early (sealed), \$4.25\alpha4.50\alpha\$ bu; McLean's Little Gem. \$5.\alpha5.50; American Wonder, \$6.25 Little Gem, \$5. \$5.50; American Wonder, \$6.25 \$\pi^7.00\$. Beans—Improved earliest red valentine, \$4.00 \overline{a} 4.50 $\overline{\phi}$ bu; long yellow six-weeks, \$4.00 \overline{a} 4.50; golden wax, \$4.75 \overline{a} 5.50; black wax, \$4.50 \overline{a} 5.00. Spinach—Bloomsdale savoy-leaved, 23 @300 P tb. Popcorn-Dry, 2@30 P tb.

WRITE Leading Seed Merchants,

78 & 80 E.- Market St., Indianapolis. What Vegetables to Grow.

Prairie Farmer. Now is a good time to think over what vegetables are best to sow and plant the coming year; and having decided, to get from good, reliable seedsmen the seeds likely to be required. If this is left to sowing time, the chances are the seeds will be obtained from some grocery store the stock of which is put up for this particular trade, and all that is not sold returned, and in

too many instances, revamped year after year. Such crops as late potatces, parsnips, carrots, turnips and beets can readily be grown as among the field crops, and be subject mainly to the same treatment—that is, everything about them can be so managed as to be done with the horse cultivator.

Besides these crops, there should be a spot of garden ground to grow the summer vegetables, and such as will want a trifle more care in the way of hand a trifle more care in the way of hand weeding, and so on. A spot for this need not be very large. An acre of ground will be ample, and this may contain the strawberry patch, and those of other small fruits, except in very large establishments. Such a garden should have an asparagus and rhubarb patch also. Early in spring have, first, radishes and lettuce, and green onions, one of the very earliest products, and much liked by workmen. Young beets are an early vegetable, and may be simply the thinning of the regular crop. This is true also of other root crops. Peas and beans, both French and Lima, should not be forgotten. Early and late cabbage, with a few dozens of cauliflower, are good changes in this line. Germans will want to add kohl rabi, or turnip-rooted cabbage, and when just right they are good eating for anybody. a trifle more care in the way of hand

anybody.

Tomatoes, egg-plants and peppers will require a hot bed to bring forward. Only a few plants are, however, required, and, if not grown, can be purchased. For celery, a pinch of seed sown in April will give all the plants required. A piece of land should be selected, rather sandy, if possible, for a melon patch, a few hills of cucumbers and half a dozen of the squash family. These, with a spot still more sacred by itself for the pot herbs to flavor the soups and other dishes, would make a tolerably good supply, for an ordinary farm family. anybody. for an ordinary farm family.

Something About Ensilage. Philadelphia Record.

Five years ago many of our most experienced farmers, as well as some of the scientific investigators, violently attacked ensilage, claiming that it added nothing to the available supply of food in winter, was lacking in nutriment and came out of the soil in an acid condition. That there were soil in an acid condition. That there were good grounds for this opposition is now made apparent, as the causes of failure have been discovered, but that ensulage is now considered an indispensable article on the dairy or stock farm is no longer denied my anyone. It has forced its way wherever dairying exists, and with our cheap corn fodder, which gives the American farmer and advantage, the failure to use ensilage is to sacrifice opportunities. is to sacrifice opportunities.

The mistake made by those who first built silos and stored green fodder therein was in supposing that immature green ma-terial was more suitable than that in the terial was more suitable than that in the advanced stage of growth. Corn was broadcasted and the fodder cut when but two or three feet high. Such material contained an excess of water in its composition, and was lacking in food elements. Its keeping quality was also deficient, and, though highly relished by stock when fresh, proved unsatisfactory as ensilage. It is now known that the only proper mode of securing ensilage from the corn plant is to grow it in rows, so as to cultivate it until it produces ears. It is cut just when the ears begin to glaze, and cut just when the ears begin to glaze, and stored in the silo. By allowing the corn to reach this stage of growth before cutting it, there is stored in the stalks and leaves (also the ears) an amount of valuable nutrition (and of a different character) that does not exist in the plants when they are cut down in the immature state. Clover and other grass crops, if intended for the silo, should be cut when the seed heads are forming. By cutting the crops when they are nearly matured, a larger amount of ensilage is secured, and the quality is much superior to that obtained at other stages of

Experiments show that if the entire stalks of corn be laid across each other lengthwise, with the butts exposed to the weather only, and protected by a canvass, or some suitable covering, the corn-fodder, if cut when the ears have formed, can be kept in the fields with but a trifling loss. Silos, however, may be built above ground in a corner of the barn, or in the open field, provided they are made air-tight, and also strong enough to resist the pressure. The strong enough to resist the pressure. The difficulty in the way has been removed by the discovery that the quality of ensilage depends largely upon the stage of growth of the plants used for the purpose.

Home Training for Farmers' Children. . W. Cheever, in New England Farmer. School days are short and soon passed, particularly to country children who never get much beyond the public school. But there is time for a great deal of training outside of school-house doors. Parents can do much by placing the right kind of books and papers in the hands of their children. We have a great many men in this country classed as elf-educated or self-made. But the truth in the matter is that every man is self-educated; knowledge is never inherited, nor is it transferred by will. Men who would know much must work much. Every child should early acquire the habit of

ery child should early acquire the habit of reading some new aper.

The postoffice should be looked upon as an open door to the outside world. Letter-writing should be encouraged in every family of young people. Money spent for writing materials and postage is well spent. The most profitable writing lessons I ever received were not given in the public school, but by an outside teacher who knew how to teach writing better than he knew anything else. I believe in those special schools as much as I believe in special forming and I believe they can be according to the special forming and I believe they can be according to the second s cial farming, and I believe they can be extended profitably in other directions. We ought to have young people's classes in botany, in entomology, and mineralogy; not merely to learn the names of plants, insects and stones, but to learn of their character and value. We ought, at least, to be able to distinguish among insects the beneficial and the injurious; should know enough about plants to distinguish the poisonous from the useful, and of plant growth to understand what our crops require, and how most easily to destroy weeds. Of stones we should know enough to be able to judge fairly of the quality of a farm, seen even in winter. All these studies can be made exceedingly interesting by teachers who have special tastes for their study and a happy faculty of imparting what they know. Our agri cultural colleges are beginning to turn out graduates that are familiar with these subjects, and the time ought not to be far distant when young men and young women could find it profitable to open afternoon or evening schools to teach these useful studies, at least in an elementary way, going around from town to town or district to district. There is the Chautauqua system of teaching through correspondence alone. Classes are formed of persons of all ages living anywhere the mails go; books are selected for courses of reading and study, and examinations made through printed questions and written answers.

Burying Bees.

Burlington Hawkeye. Mr. Ed Harris, of Dallas county, Iowa who for many years has been a successful bee-keeper, buries his bees. His method is to arrange his colonies compactly in a row, with entrances all one direction On this side of the row he places a wide board, or several boards cleated together in a slanting position, allowing the edge to rest against and near the top edges of the

Over hives, boards and all, there is placed several inches of straw, and this is covered with from ten to twelve inches of dirt, and the work is done until the grass begins to grow over them in the spring, when they are removed. He says he has experimented by inserting a ventilating tube, but they

did much better without it. This, at least, proves one thing, and that is that bees require very little air when placed away where conditions favor the greatest degree of quietude. In our cellars usually a large number of colonies are kept in a comparatively small room, which raises the temperature, and this alone demands ventilation for regulating it. This is not true with the method I have described, for all the colonies are surrounded so closely with earth that this prevents a high temperature, and yet affords the necessary protection.

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INDIANAPOLIS, IND., Jan. 31, 1889. The annual meeting of the stockholders of this com-pany will be held at the office of the company, in In-dianapolis, Ind., on Wednesday, Feb. 20, 1889, be-tween the hours of 10 and 11 o'clock a. m. The transfer books will be closed from the evening of Feb. 9 to the morning of Feb. 21.

J. T. WANN, Secretary.

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